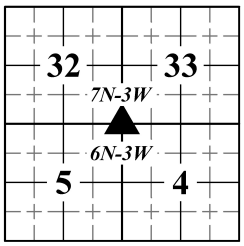
GREENE COUNTY CORNER PERPETUATION RECORD

Corner ID: **7N3W_Z09**

Section Corner

Sections 32 & 33– T07N – R03W, 2nd P.M.

Center Township, Greene County, Indiana



PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
7” wood post in concrete at the corner of fence to the north and east. A 2” mag nail and 1-1/2” orange plastic disc was found 3” above grade on the south side of the post and a Greene County Survey Marker sign was nailed to the south side of the post 4.7 feet above grade. The calculated corner position is S 86°44'57" W 0.25 feet from the post center.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location.
From the house at 9910 E Summitt Lane, follow a trail south along the west side of a north/south fence to the corner.

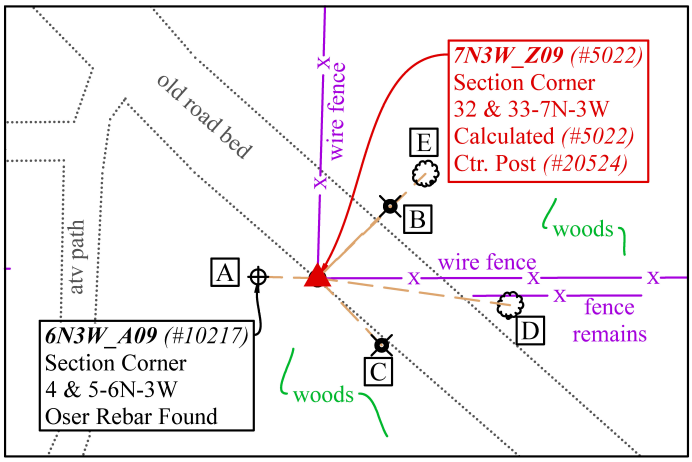
GEODETIC COORDINATES: Center of Post: Northing: 1364206.67’, Easting: 3045528.00’
Calculated corner position: Northing: 1364206.66’, Easting: 3045527.75’

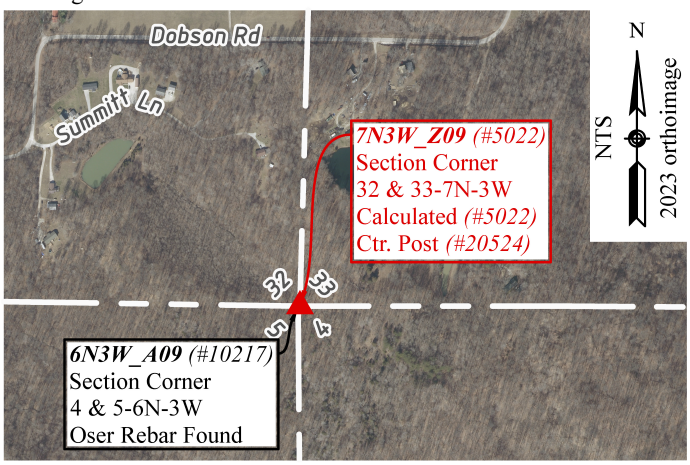
WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.
First bearing and distance is from the post center to the witness monument. Second bearing & distance is from the calculated position to the witness monument. Dimensions to bearing trees are from the post center.

ID	Bearing	Distance	Description
A	N 88°51'06" W N 88°43'32" W	8.96’ 8.71’	**6N3W_A09 *(OSM #10217)*** **Section Corner common to Sections 4 & 5-T6N-R3W:** 5/8” diameter by 24” long rebar with an orange plastic cap stamped “OSER IN PS# 21100022” found 1” above grade on the edge of an old road bed. A u-post with a “Trespassers Prosecuted” sign and a Greene County Survey Marker sign was found on the south side of the rebar.
B	N 45°18'56" E N 45°55'32" E	15.34’ 15.52’	Rebarlite set flush. Northing: 1364217.45’, Easting: 3045538.90’
C	S 43°43'15" E S 44°29'38" E	13.92’ 14.08’	Rebarlite set flush. Northing: 1364196.61’, Easting: 3045537.62’
D	S 82° E	29.2’	23” dbh white oak with east/west fence remains through the center measured at 3” above grade on the south side
E	N 46° E	22.5’	32” dbh double white oak measured at 15” above grade on the southeast side

Notes: Witness ties noted as a “Rebarlite” are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8” x 16” polycarbonate “Rebarlite” set flush. Witness ties A through C were located with RTK.

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image.





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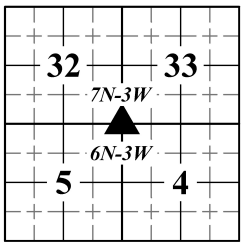

CORNER REPORT

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

When the original government land surveyors ran the line north between Sections 4 & 5-6N-3W, they intersected the north boundary 24.42 feet east of the post corner of Sections 32 & 33-T7N-R3W and set a post for the corner of Sections 4 & 5. In 1878, Greene County Surveyor W. Clogston (Survey Record 3, page 66) set a stone at the Section Corner common to Sections 4 & 5 (6N3W_A09), but no legal survey records were found pertaining to the Section Corner common to Sections 32 & 33 (7N3W_Z09). No trace was found of Clogston's stone or its accessories.

In 1991, Elliott Sturgeon was contracted by the Greene County Surveyor to set Section Corners and Quarters in the South half of Section 32-7N-3W. His survey dated April 1, 1991 is on file in the Greene County Surveyor's Office. Mr. Sturgeon set an iron pin at the intersection of fences to the north, east, and west for the corner of Sections 32 & 33. In 1998, Ben Bledsoe accepted Sturgeon's rebar as the corner for Sections 32 & 33 and set a capped rebar 8.78 feet west for the corner of Sections 4 & 5. Bledsoe established this corner by extending the line from the stone at the Southwest corner of Section 4 (6N3W_E09) through the stone at the N1/16 corner (6N3W_B09) to where it intersected with the south line of Section 32-T7N-R3W. He held a Sturgeon rebar (not found this survey) at 7N3W_Z09 and a railroad tie post at 7N3W_Z06 to establish the south line of Section 32. This method resulted in the corner common to Sections 4 & 5 falling west of the corner common to Sections 32 & 33. Bledsoe referenced the original survey notes, so presumably he was aware of the original record falling. He held the stones to the south as the best evidence of the section line common to Sections 4 & 5. We agree with his decision and note that the distance from 6N3W_A09 thus established to the stone found at 6N3W_A10 is within 2.3 feet of the record distance from Clogston's 1878 survey. Both Bledsoe's and Sturgeon's monuments have consistently been accepted on subsequent surveys. In 2022, we replaced Bledsoe's rebar, which was found bent. There is a new fence post in concrete near the corner of Sections 32 & 33 with a large pile of stones on the south side of the post. We removed the stones and dug out around the post, but did not find Sturgeon's iron pin. Our calculated position for the corner fell within the post, so a new monument was not set. Coordinates are provided to the post center and the calculated corner position.

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1811-1812 By: Arthur Henrie

Where filed or recorded: F_EV03P356

Original monument: Wooden Post

Bearing Trees:	Bearing	Distance
10" Hickory	N 46 E	16 lks = 10.56 ft
12" Beech	S 30 E	20 lks = 13.2 ft

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

No legal survey records were found pertaining to this corner.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
04/01/1991	Sturgeon, Elliott	Survey for the Greene County Surveyor in Sections 32 & 33-7N-3W *(Origin of iron pin set at fence int.)*	GCSO
09/15/1994	Graham, Raymond	Survey of 1.72 acres *(I.P. found)*	1997-0576
08/25/1998	Bledsoe, Ben	Survey in Sec.5, 6, 7 & 8-6N-3W; Sec. 1, 2 & 11-6N-4W; 31 & 32-7N-3W *(Accepted 5/8" rebar per Sturgeon)*	1999-2170
07/02/2002	Graham, Charles D	Survey in Section 33 *(5/8" rebar found at fence post)*	2002-4751
12/19/2003	Guerrettaz, Bernard	40.40 acres in Section 32 *(rebar found)*	2004-0194
06/14/2006	Curry, Douglas	Lots 6, 7 & 8 Parks Subdivision, Amend 2 *(rebar found)*	2006-3541
05/09/2007	James, Marty	Survey in the W/2, SW/4, SW/4, Sec. 33 *(5/8" iron pin found)*	2007-4003
02/25/2002	Oser, Rachel	Corner Perpetuation Survey Jackson Township Sec 03, 04, 09 & 10 *(origin of Oser rebar at A09 - replaced bent rebar)*	2022-0970

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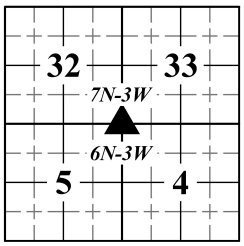

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 33.1 feet east/west due to the difference between the record falling for 6N3W_A09 on the east side of Z09 and the measured falling for 6N3W_A09 on the west side of Z09.
- Inconsistencies in the lines of Occupation: 2 feet north/south due to east/west wire fence remains found on the south side of the current fence.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED:

Photo Orientation & Description: Looking north at Z09

Looking north at Z09 with A09 visible on the left

FIELD PERSONNEL:

Field Date: 3/13/2025 By: Rachel Oser and Phillip Oser Project: Oser Surveying & Mapping LLC Job# 10274
Corner Perpetuation Survey for Center Township Sections 27, 28, 33 & 34, Township 7 North, Range 3 West

BASIS OF GEODETIC COORDINATES: The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from RTPK or RTK GNSS observations (Javad Triumph LS Rover). Distances obtained with GPS have not been adjusted to ground. When distances to witness ties are reported to the hundredth of a foot, the coordinate of the witness tie was collected by the methods described above. When distances to witness ties are reported to the tenth of a foot, the distance was measured with a 100-foot steel tape and the bearing was collected with the internal magnetic compass of the Javad Triumph LS, in which case priority should be given to distances over bearings.

CERTIFICATION:

Rachel Oser
Indiana Professional Surveyor 21100022
Oser Surveying & Mapping LLC
4632 E Rocky Road, Bloomfield, IN 47424
(812) 320-2694 • Rachel@OserSurveying.com

Date: May 9, 2025

Rachel Oser

This document is not complete without the associated plat and report of even date.